

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A method for testing external influences on biological systems by measuring "ultraweak" photon emissions and delayed luminescence, ~~characterized in that~~ wherein the photon intensities of the objects are measured locally and nonlocally at different points of the tissue before and after application of external influences agents.

2. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein a measuring chamber according to G9417845.3 is used.

3. (Currently Amended) The method according to claim 1 ~~or 2~~, ~~characterized in that~~ wherein the dynamic progression of the changes in ultraweak photon emissions and delayed luminescence is measured within several hours.

4. (Currently Amended) The method according to claim 1 ~~or 2 or 3~~, ~~characterized in that~~ wherein filter systems (spectral filters and/or polarization filters, phase shifters) are used.